Safety in a High Voltage Environment

DELIVERY METHOD

In-Person

Virtual

COURSE LENGTH

In-Person: Half-day
Virtual Instructor Led: Half-day
CEU Accreditation: MECP 0.4

Recognize the unique hazards associated with a high-voltage environment in accordance with relevant industry acts, regulations and standards.

This course is ideal for:

- Electricians, Electrical Apprentices, and any personnel who work in or near high-voltage settings and need to understand compliance with Ontario Electrical Safety Code (OESC) such as Section 36.
- Persons responsible for ensuring safety and adherence to high-voltage installation standards.
- Electrical Designers and Engineers involved in planning or modifying high-voltage installations, with a focus on grounding, bonding, and system fault levels.
- Facility Owners, Managers and Maintenance Staff who oversee operations involving high-voltage systems and want to improve workplace safety.
- Safety Professionals and Supervisors tasked with implementing or managing safety protocols in high-voltage environments.
- Any Personnel working on or near high-voltage Installations who may encounter unique electrical hazards and require specialized safety knowledge.

Topics include:

- Introduction to Electrical Safety in High-Voltage Environments
- OESC Section 36 High-voltage installations
- OESC Section 26 Installation of electrical equipment
- OESC Section 10 and 36 Grounding and Bonding Requirements
- Warning Notices and Hazard Identification
- System Fault Levels and Overcurrent Protection
- Worker qualifications and competency requirements
- Safe Work Practices and Clearance Requirements
- Maintenance, Inspection, and Compliance Strategies

Electrical Safety Authority

Training is a non-regulatory service offered by the Electrical Safety Authority (ESA). Electrical safety and technical courses may be offered by other providers.

Safety in a High Voltage Environment (continued)

Registration Fees:

Delivery Method	Individual	Group*
Classroom	$449 (per person)	$3,450 (up to 25 participants)
Virtual	$449 (per person)	$4,600 (up to 20 participants)

Note:

Applicable taxes are not included in the outlined registration fees.

The training materials contain excerpts from a CSA copyrighted publication, and a CSA licensing fee of $10.00 applies per person for both individual and group registrations.

* Contact a Client Safety Specialist at CSS.ContactUs@electricalsafety.on.ca for further details about group registrations. Additional fees will apply for private training delivered outside of regular business hours.

Please scan the QR code for more details.

What to Bring:

- Pen, Pencil
- Highlighter
- Calculator

Note: For an optimal learning experience, it is recommended to bring a current copy of the OESC (29th edition).